

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--------------------|------------------|---------|------------------|
| S1 | 85 | 123/406.58.ccls. | USPAT | OR | OFF | 2008/09/24 14:19 |
| S2 | 14 | (US-7000598-\$ or US-6968269-\$ or US-6836219-\$ or US-6827063-\$ or US-6668799-\$ or US-6532936-\$ or US-6404188-\$ or US-6208131-\$ or US-6131547-\$ or US-6032649-\$ or US-5979413-\$ or US-5823166-\$ or US-5611311-\$ or US-5184590-\$).did. | USPAT | OR | OFF | 2008/09/25 12:29 |
| S3 | 10 | S2 and (tdc "top dead center") | USPAT | OR | OFF | 2008/09/25 12:30 |
| S5 | 1 | "20020112711".pn. | US-PGPUB; USPAT | OR | OFF | 2008/09/25 16:14 |
| S6 | 6477 | crank adj angle adj sensor | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:39 |
| S7 | 18369 | top adj dead adj center | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:39 |
| S8 | 4708475 | reference | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:39 |
| S9 | 774 | S7 near5 S8 | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:39 |
| S10 | 170 | S7 near5 S8 and S6 | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:40 |
| S11 | 21 | S7 near5 S8 and S6.ab. | US-PGPUB; USPAT | OR | OFF | 2009/02/23 17:40 |
| S12 | 1 | "20020026825".pn. | US-PGPUB; USPAT | OR | OFF | 2009/02/23 21:07 |

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|-----|-----|---|------------------------|----|-----|---------------------|
| S13 | 1 | "6945208".pn. | USPAT | OR | OFF | 2009/02/26 15:41 |
| S14 | 2 | "crank angle sensor" and (((twenty adj four) "24") adj teeth) | US- PGPUB; USPAT | OR | ON | 2009/03/16 17:43 |
| S15 | 232 | 123/609.ccls. | US- PGPUB; USPAT | OR | ON | 2009/03/16 17:49 |
| S16 | 296 | 123/617.ccls. | US- PGPUB; USPAT | OR | ON | 2009/03/16 17:50 |
| S17 | 4 | ("20020112711" "20020026825" "7360407" "6208131"). pn. | US- PGPUB; USPAT | OR | ON | 2009/03/16 18:42 |
| S18 | 6 | (dwell wait) with charge with discharge with spark adj plug | US- PGPUB; USPAT | OR | ON | 2009/10/27 16:49 |
| S20 | 6 | supply adj timing with spark adj plug | US- PGPUB; USPAT | OR | ON | 2009/10/27 17:33 |
| S21 | 9 | supply adj timing same spark adj plug | US- PGPUB; USPAT | OR | ON | 2009/10/27 17:36 |
| S22 | 3 | S21 not S20 | US- PGPUB; USPAT | OR | ON | 2009/10/27 17:36 |
| S23 | 1 | "5054461".pn. | US- PGPUB; USPAT | OR | ON | 2009/10/27 17:40 |
| S25 | 0 | supply near2 charg\$3 near2 timing same spark adj plug | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:06 |
| S26 | 0 | supply near2 charg\$3 near2 timing same spark | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:06 |
| S27 | 135 | supply near2 charg\$3 near2 timing | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:06 |
| S28 | 22 | supply near2 charg\$3 near2 timing and spark | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:06 |
| S29 | 4 | supply near2 charg\$3 near2 timing and spark adj plug | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:06 |
| S30 | 6 | cdi and supply adj timing | US- PGPUB; USPAT | OR | ON | 2009/10/27 18:19 |

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| S35 | 68 | capacitive adj discharge adj ignition. ab. | US- PGPUB; USPAT | OR | OFF | 2009/10/27 18:26 |
| S36 | 0 | capacitive adj discharge adj ignition. ab. and charge near timing | US- PGPUB; USPAT | OR | OFF | 2009/10/27 18:26 |
| S37 | 4 | capacitive adj discharge adj ignition. ab. and charge near (timing signal) | US- PGPUB; USPAT | OR | OFF | 2009/10/27 18:27 |
| S38 | 4 | capacitive adj discharge adj ignition. ab. and dwell | US- PGPUB; USPAT | OR | OFF | 2009/10/27 18:27 |
| S39 | 24 | capacitive adj discharge adj ignition. ab. and signal with charge | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:39 |
| S40 | 92410 | overcurrent overheat\$3 | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:43 |
| S41 | 1 | S39 and S40 | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:43 |
| S42 | 88 | capacitive adj discharge adj ignition and signal with charge | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:43 |
| S43 | 21 | S40 and S42 | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:43 |
| S44 | 98889 | signal with charge | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:44 |
| S45 | 58052 | signal near5 charge | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:44 |
| S46 | 342 | capacitive adj discharge adj ignition | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:44 |
| S47 | 11 | S40 and S45 and S46 | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:44 |
| S48 | 116 | vary near dwell near time | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:46 |
| S49 | 0 | S46 and S48 | US- PGPUB; USPAT | OR | OFF | 2009/10/28 10:46 |

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| S50 | 286 | vary near3 dwell near time | US-PGPUB; USPAT | OR | OFF | 2009/10/28 10:47 |
| S51 | 3 | S46 and S50 | US-PGPUB; USPAT | OR | OFF | 2009/10/28 10:47 |
| S52 | 22 | S50 and spark | US-PGPUB; USPAT | OR | OFF | 2009/10/28 10:49 |
| S53 | 24 | (US-20040211248-\$ or US-20030209231-\$). did. or (US-7000598-\$ or US-6968269-\$ or US-6836219-\$ or US-6827063-\$ or US-6668799-\$ or US-6532936-\$ or US-6404188-\$ or US-6208131-\$ or US-6131547-\$ or US-6032649-\$ or US-5979413-\$ or US-5823166-\$ or US-5611311-\$ or US-5184590-\$ or US-6496750-\$ or US-4413508-\$ or US-7117853-\$ or US-5309888-\$ or US-4790280-\$ or US-5513619-\$ or US-6820602-\$ or US-5623912-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:31 |
| S54 | 15 | S53 and ratio | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:31 |
| S55 | 1 | "20020167419".pn. and ratio | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:34 |

EAST Search History (I nterference)

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Crank Angle Sensor\ class.wsp**